

Please Direct All Correspondence to Customer Number 20995

PCT  
#4

## TRANSMITTAL

Applicant : Sode, Koji  
App. No : 10/511,796  
Filed : October 19, 2004  
For : GLUCOSE DEHYDROGENASE  
BETA-SUBUNIT AND DNA  
ENCODING THE SAME  
Examiner : Unknown  
Art Unit : Unknown

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 21, 2005

(Date)

Che Swyden Chereskin, Ph.D., Reg. No. 41,466

## Mail Stop Sequence

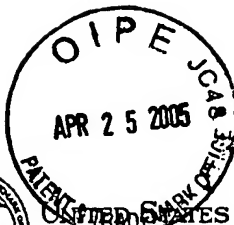
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Sequence Submission Statement.
- (X) Paper Sequence Listing in 16 pages.
- (X) Two (2) CRF diskettes containing Sequence Listing.
- (X) Copy of Notification to Comply with Requirements...
- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Che Swyden Chereskin, Ph.D.  
Registration No. 41,466  
Agent of Record  
Customer No. 20,995  
(949) 760-0404



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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,796	Koji Sode	TOYA126.002APC

INTERNATIONAL APPLICATION NO.

PCT/JP03/05375

I.A. FILING DATE

PRIORITY DATE

04/25/2003

04/26/2002

20995

KNOBBE MARTENS OLSON & BEAR LLP  
2040 MAIN STREET  
FOURTEENTH FLOOR  
IRVINE, CA 92614

CONFIRMATION NO. 1880

371 FORMALITIES LETTER



\*OC000000015636226\*

Date Mailed: 04/04/2005

### NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

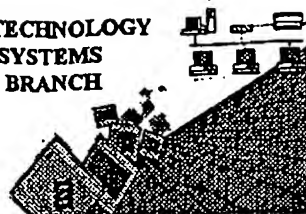
#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,796	PCT/JP03/05375	TOYA126.002APC

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BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/511,796  
Source: PT 1/10  
Date Processed by STIC: 10/27/04

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/efb/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/511,796

DATE: 10/27/2004  
TIME: 15:44:59

Input Set : A:\PTO.FG.txt  
Output Set: N:\CRF4\10272004\J511796.raw

4 <110> APPLICANT: SODE, Koji  
6 <120> TITLE OF INVENTION: Glucose dehydrogenase beta-subunit and DNA encoding the same  
8 <130> FILE REFERENCE: TOYA126.002APC  
--> 10 <140> CURRENT APPLICATION NUMBER: US/10/511,796  
--> 10 <141> CURRENT FILING DATE: 2004-10-19  
12 <150> PRIOR APPLICATION NUMBER: JP 2002-125353  
13 <151> PRIOR FILING DATE: 2002-04-26  
15 <160> NUMBER OF SEQ ID NOS: 19  
17 <170> SOFTWARE: PatentIn Ver. 2.0

## ERRORED SEQUENCES

*Does Not Comply  
Corrected Diskette Needed*

309 <210> SEQ ID NO: 6  
310 <211> LENGTH: (29) 28 shown  
311 <212> TYPE: DNA  
312 <213> ORGANISM: Artificial Sequence  
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754 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
756 <400> SEQUENCE: 19  
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,796

DATE: 10/27/2004

TIME: 15:45:00

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10272004\J511796.raw

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 added.  
 :10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 :318 M:254 E: No. of Bases conflict, LENGTH:Input:29 Counted:28 SEQ:6  
 :318 M:252 E: No. of Seq. differs, <211> LENGTH:Input:29 Found:28 SEQ:6  
 :340 M:252 E: No. of Seq. differs, <211> LENGTH:Input:27 Found:31 SEQ:8  
 :365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
 :341 Repeated in SeqNo=10  
 :734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
 :757 M:252 E: No. of Seq. differs, <211> LENGTH:Input:27 Found:31 SEQ:19

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